

ABSTRACT OF THE DISCLOSURE

5 A composite rectifying charge storage device, consisting of a
rectifier and capacitor which share common elements, is combined in a circuit
with an antenna for remote energization in response to an external
electromagnetic or electrostatic AC field. The energized composite device
extracts power (voltage or current) and may be implemented in a variety of
10 circuit configurations, such as a power supply for driving circuit components,
e.g., radio frequency identification (RFID) circuitry, or for use in parameter
sensing applications which may include a light emitting component, and
others.